

## Statutory Declaration Registration of Fittings

(a) Design Qualification

I<sup>1</sup> Joel Feldman  
Vice President, Engineering  
*(Position eg, president, plant manager, chief eng.)*

Of Swagelok Company  
*(name of company)*

Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)  
*(plant address)*

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with \_\_\_\_\_ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

**(b) Quality control of Manufacture**

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are Category C. Valve

In support of the application, the following information, calculations and/or test data are attached:  
ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

Declared before me at \_\_\_\_\_

In the of **Unable to get a notary signature or seal**  
of **due to Covid-19 situation - June 29, 2020**  
The \_\_\_\_ Day of \_\_\_\_\_ AD 20 \_\_\_\_

\_\_\_\_\_  
*A (commissioner for oaths)*

  
*Signature of Declarer<sup>3</sup>*


For Official Use Only

The application is accepted for registration in Category \_\_\_\_\_ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

0C20808.26  
21 juillet 2020

Registered Number CRN \_\_\_\_\_ For the Chief Inspector \_\_\_\_\_  
Date \_\_\_\_\_



- 1 *Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.*
- 2 *All fittings are required to be registered in the name of the Manufacturer.*
- 3 *This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.*

## Attachment B: Scope for Swagelok GB Series, 316 Stainless Steel and Alloy 2507, General Service Ball Valves (Category C)

This document represents the scope of the GB Series General Service Ball Valves, 2- and 3-piece designs, covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1-2018 for unlisted components and ASME B31.3-2018 for unlisted components.

### Summary Table

| Product Series | Main Pressure Bearing Components | Main Pressure Bearing Material (Standard) | Port Connections and Sizes                   | Maximum Rated Pressure (psig) |                              | Design Code of Construction   |       |
|----------------|----------------------------------|---|--|-------------------------------|------------------------------|---|-------|
|                |                                  |   |  | At -40°F to 100°F             | At maximum temperature 250°F |   |       |
| 8GB            | Body, End Screw(s)               | 316 SS (ASTM A479)                        | Swagelok Tube Fitting 3/8", 1/2", 12mm       | 6,000                         | 4,935                        | ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components) |       |
|                |                                  |   | Female NPT 3/8", 1/2", 3/4"                  |                               |                              |   |       |
|                |                                  |   | Female ISO/BSP Tapered (RT) 3/8", 1/2", 3/4" |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 3/4"                   |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 16mm                   |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 18mm                   |                               |                              |   |       |
|                | Swagelok Tube Fitting 20mm       |   |  |                               |                              |   |       |
|                | Body, End Screw(s)               | Alloy 2507 (ASTM A479)                    | Swagelok Tube Fitting 3/8", 1/2", 3/4"       | 6,000                         | 5,818                        |   |       |
|                |                                  |   | Female NPT 3/8", 1/2", 3/4"                  |                               |                              |   |       |
|                |                                  |   | Female ISO/BSP Tapered (RT) 3/8", 1/2", 3/4" |                               |                              |   |       |
|                |                                  |   |  |                               |                              |   |       |
| 16GB           | Body, End Screw(s)               | 316 SS (ASTM A479)                        | Swagelok Tube Fitting 3/4"                   | 6,000                         | 4,935                        |   |       |
|                |                                  |   | Swagelok Tube Fitting 1"                     |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 18mm                   |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 20mm                   |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 22mm                   |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 25mm                   |                               |                              |   |       |
|                | Body, End Screw(s)               | Alloy 2507 (ASTM A479)                    | Female NPT 3/4", 1"                          | 6,000                         | 4,935                        |   |       |
|                |                                  |   | Female ISO/ BSP Tapered (RT) 3/4", 1"        |                               |                              |   |       |
|                |                                  |   | Swagelok Tube Fitting 3/4"                   |                               |                              | 6,000   | 5,818 |
|                |                                  |   | Female NPT 3/4", 1"                          |                               |                              |   |       |
|                |                                  | Female ISO/ BSP Tapered (RT) 3/4", 1"     |  |                               |                              |   |       |

## **Product Illustration**



## **Configurations**

Bodies are only available in a straight pattern (2 ports), as shown in the above illustration.

## **Product Options:**

The above summary table shows the options within scope of this registration. Additional options that do not affect pressure and/or temperature ratings are also available within the scope of this approval. Examples of these include:

- Handle options
- Pneumatic actuators

## **Quality System**

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

## **References**

The product catalog does not represent the full scope of registration, but rather details some of the most common options:

- GB Series General Service Ball Valves Catalog MS-02-484, Rev B
- Technical drawings available at [thomas.net](http://thomas.net)  
[https://cad.swagelok.com/?\\_ga=2.159136250.1391233614.1590586342-1032800005.1561382416](https://cad.swagelok.com/?_ga=2.159136250.1391233614.1590586342-1032800005.1561382416)

## Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

|   |  |
|---|--|
| Swagelok Company<br>29500 Solon Road<br>Solon, Ohio 44139<br>USA  | Swagelok Company (Falon 1)<br>348 Bishop Road<br>Highland Heights, Ohio 44143<br>USA |
| Swagelok Company (Highland)<br>318 Bishop Road<br>Highland Heights, Ohio 44143<br>USA   | Swagelok Company (Falon 2)<br>358 Bishop Road<br>Highland Heights, Ohio 44143<br>USA |
| Swagelok Company (OFC)<br>29495 F.A. Lennon Drive<br>Solon, Ohio 44139<br>USA   | Swagelok Company (HPF)<br>6050 Cochran Road<br>Solon, Ohio 44139<br>USA              |
| Swagelok Company (Atlantic)<br>26651 Curtiss Wright Parkway<br>Willoughby Hills, Ohio 44092<br>USA  | Swagelok Company (Snow Metal)<br>6060 Cochran Road<br>Solon, Ohio 44139<br>USA       |
| Swagelok Company (Micro)<br>26653 Curtiss Wright Parkway<br>Willoughby Hills, Ohio 44092<br>USA   | Swagelok Company (Alfred)<br>29500 Ambina Drive<br>Solon, Ohio 44139                 |
| Swagelok Hose Services Company (SHSC)<br>29900 Solon Industrial Parkway<br>Solon, Ohio 44139  | Swagelok Company (Strongsville)<br>15400 Foltz Road<br>Strongsville, Ohio 44119      |
| Swagelok (China) Fluid System Technologies Ltd.<br>Changshu Export Process Zone<br>Changshu Economic Development Zone<br>Changshu, Jiangshu<br>215513 China | Swagelok Limited<br>Ballafletcher Road<br>Tromode<br>IM4 4RA<br>Isle of Man          |

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